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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of 1

Application Number

Filing Date

First Named Inventor

PLESKACH

Art Unit

Examiner Name

Attorney Docket Number

7162-111

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PLK		Number-Kind Code ² (if known)			
		US- 6,314,554	10/19/71	Shield, et al.	
		US- 5,070,317	12/3/91	Bhagat	
		US- 5,781,091	7/14/98	Korne, et al.	
		US- 6,054,914	4/25/00	Abel, et al.	
		US- 6,198,374	3/6/01	Abel	
		US- 6,249,039	6/19/01	Harvey, et al.	
		US- 6,094,123	7/25/00	Roy	
		US- 6,292,084	9/18/01	Choi, et al.	
		US- 6,303,971	10/16/01	Rhee	
		US- 6,445,271	9/3/02	Johnson	
		US- 6,498,557	12/24/02	Johnson	
		US- 6,535,098	3/18/03	Yeo, et al.	
US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
PLK		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature

Date Considered

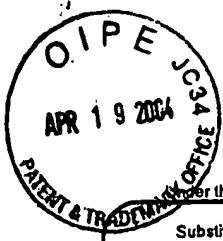
6/15/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	10/657,054
Filing Date	Sept. 5, 2003
First Named Inventor	PLESKACH
Patent Unit	3677
Examiner Name	
Attorney Docket Number	7162-0111

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Sheet 1

of 1

Application Number	10/657,054
Filing Date	Sept 5, 2003
First Named Inventor	PLESKACH
Art Unit	3729
Examiner Name	

Attorney Docket Number 7162-0111

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number <small>Number-Kind Code² (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/PK		US- 6,542,352	04/01/2003	DeVoe, et al.	
		US- 6,160,469	12/12/2000	Liberatore, et al.	
		US- 5,430,613	07/04/1995	Hastings, et al.	
		US- 5,220,488	06/15/1993	Denes	
		US- 5,959,846	09/28/1999	Noguchi, et al.	
		US- 5,191,699	03/09/1993	Ganslmeier, et al.	
		US- 5,479,695	01/02/1996	Grader, et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/657,054
Filing Date	Sept. 5, 2003
First Named Inventor	PLESKACH
Art Unit	3729
Examiner Name	KIM, Paul
Attorney Docket Number	7162-0111

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

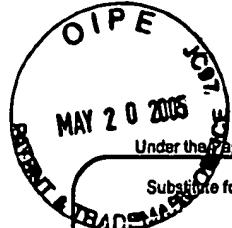
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
PK	JP 2000307362		11/02/2000	MITSUBISHI ELEC	
	JP 10/190321		07/21/1998	NEC CORP	
	JP 56-123102		09/28/1981	MITSUBISHI ELEC	
	JP 05-211402		08/20/1983	FURUKAWA ELEC	
	JP 07-015218		01/17/1995	FUJI ELEC	
	JP 08-154006		06/11/1996	MURATA MFG	

J. Muller

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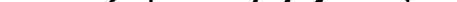
Sheet 2 of 3

<i>Complete if Known</i>	
Application Number	10/657,054
Filing Date	Sept. 5, 2003
First Named Inventor	PLESKACH
Art Unit	3729
Examiner Name	KIM, Paul
Attorney Docket Number	7162-0111

U. S. PATENT DOCUMENTS

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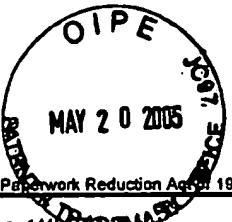
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		T ⁶
PF		WO 01-01453 A2	01/04/2001	SUN MICROSYS	
		EP 1 108 533	06/20/2001	KONICA CORP	
		EP 0 754 660 A1	01/22/1997	TDK CORP	
		EP 1 089 374 A2	04/04/2001	KABUSHIKI KAISH	
✓		JP 08 307117	11/22/1996	TASIE	

Examiner Signature		Date Considered	6/15/05
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Sheet

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of

3

Application Number	10/657,054
Filing Date	Sept. 5, 2003
First Named Inventor	PLESKACH
Art Unit	3927
Examiner Name	KIM, Paul
Attorney Docket Number	7162-0111

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PK		ITOH, T.; et al: "Metamaterials Structures, Phenomena and Applications" IEEE Transactions on Microwave Theory and Techniques; April, 2005;	
		[Online] Retrieved from the Internet: URL:www.mtt.org/publications/Transactions/CFP_Metamaterials.pdf>	
		KIZILTAS, G.; et al: "Metamaterial design via the density method" IEEE Antennas and Propagation Society Int'l Symposium 2002, vol. 1, 16 June 2002 pp 748-751, Piscataway	
		SALAHUN, E.; et al: "Ferromagnetic composite-based and magnetically-tunable microwave devices" IEEE MTT-S Microwave Symposium Digest, Vol. 2, 2 Jun 2002 pp1185-1188	

Examiner Signature	<i>Daniel K</i>	Date Considered	6/15/05
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